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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/559,819	06/02/2006	Pierre Jurdic	032475-040	9643
21839 7590 06/04/2008 BUCHANAN, INGERSOLL & ROONEY PC			EXAMINER	
POST OFFICE	BOX 1404	NGUYEN, QUANG		
ALEXANDRIA, VA 22313-1404			ART UNIT	PAPER NUMBER
			1633	
			NOTIFICATION DATE	DELIVERY MODE
			06/04/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ADIPFDD@bipc.com

	Application No.	Applicant(s)				
	10/559,819	JURDIC ET AL.				
Office Action Summary	Examiner	Art Unit				
	QUANG NGUYEN, Ph.D.	1633				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence ad	ldress			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) Responsive to communication(s) filed on						
	· · · · · · · · · · · · · · · · · · ·					
3) Since this application is in condition for allowan	ice except for formal matters, pro	secution as to the	e merits is			
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	3 O.G. 213.				
Disposition of Claims						
4)⊠ Claim(s) <u>1-14,16 and 17</u> is/are pending in the a	pplication.					
4a) Of the above claim(s) is/are withdraw	• •					
5) Claim(s) is/are allowed.						
6) Claim(s) is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) 1-14 and 16-17 are subject to restriction	on and/or election requirement.					
Application Papers	·					
· · · <u> </u>						
9) The specification is objected to by the Examiner.						
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
	animer. Note the attached Office	Action of lonner	10-102.			
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priori application from the International Bureau * See the attached detailed Office action for a list of 	s have been received. s have been received in Application ity documents have been received (PCT Rule 17.2(a)).	on No ed in this National	Stage			
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08)	Paper No(s)/Mail Da 5) Notice of Informal Pa					
Paper No(s)/Mail Date	6) Other:	1 L				

DETAILED ACTION

Claims 1-14 and 16-17 are pending in the present application, and they are subjected to the following restrictions.

Election/Restrictions

Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claims 1-6 and 17, drawn to a bone system model comprising a mineralized matrix, osteoblasts and osteoclasts; and a test for the toxicity of a chemical compound using the same bone system model.

Group II, claims 7-9, drawn to a method of selecting a matrix for reconstituting a bone system model and artificial matrices selected from the same method.

Group III, claims 10 and 16, drawn to a bone system model that is cancerous and a test for tumor cell aggressiveness using the same.

Group IV, claim 11, drawn to a bone system model affected by osteoporosis.

Group V, claim 12, drawn to a bone system model affected by osteomalacia.

Group VI, claim 13, drawn to a bone system model affected by rheumatoid arthritis.

Group VII, claim 14, drawn to a bone system model affected by osteomyelitis.

The currently claimed subject matter (Inventions of Groups I-VII) lacks unity of invention according to Rule 13.1 PCT for the following reasons.

The bone system models in Groups I and III-VII differ one from the others because they have different characteristics, properties as well as different components one from the others. For example, the bone system models In Groups III-VII are those affected by cancerous cells, osteoporosis, osteomalacia, rheumatoid arthritis and osteomyelitis, respectively; and each of these bone system models is different from the bone system model of Group I which does not possess any of the characteristics possessed by bone system models in Groups III-VII. Additionally, the method of selecting a matrix for reconstituting a bone system model in Group II is not required for the practice of anyone of the bone system models in Groups I and III-VII. For example, a calvaria explant under certain cultured conditions comprises osteoblasts and osteoclasts deposited onto a mineralized matrix in the form of a layer and/or nodules.

Because the currently claimed subject matter lacks unity according to Rule 13.1 PCT for the reasons set forth above, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang Nguyen, Ph.D., whose telephone number is (571) 272-0776.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's SPE, Joseph T. Woitach, Ph.D., may be reached at (571) 272-0739.

To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 1633; Central Fax No. (571) 273-8300.

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Art Unit: 1633

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to (571) 272-0547.

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/QUANG NGUYEN, Ph.D./ Primary Examiner, Art Unit 1633